

Surface Mount Band Pass Filter

BFCV-2895+

Typical Performance Data

| FREQUENCY (MHz) | INSERTION LOSS (dB) | RETURN LOSS (dB) | FREQUENCY (MHz) | GROUP DELAY (nsec) |
|--------------------|---------------------------|------------------------|--------------------|--------------------------|
| 10 | 50.41 | 0.04 | 2220 | 0.91 |
| 20 | 44.45 | 0.04 | 2240 | 0.89 |
| 40 | 38.46 | 0.04 | 2260 | 0.87 |
| 120 | 29.19 | 0.03 | 2280 | 0.84 |
| 160 | 26.94 | 0.03 | 2300 | 0.81 |
| 200 | 25.32 | 0.03 | 2320 | 0.78 |
| 400 | 21.73 | 0.06 | 2340 | 0.75 |
| 600 | 21.78 | 0.09 | 2360 | 0.72 |
| 800 | 24.41 | 0.12 | 2380 | 0.69 |
| 1000 | 32.90 | 0.16 | 2400 | 0.66 |
| 1200 | 31.97 | 0.21 | 2420 | 0.64 |
| 1320 | 26.64 | 0.26 | 2440 | 0.62 |
| 1400 | 25.74 | 0.29 | 2460 | 0.60 |
| 1600 | 35.66 | 0.36 | 2480 | 0.58 |
| 1680 | 31.42 | 0.41 | 2500 | 0.57 |
| 1720 | 25.93 | 0.45 | 2520 | 0.56 |
| 1750 | 22.90 | 0.49 | 2540 | 0.54 |
| 1785 | 20.03 | 0.55 | 2560 | 0.54 |
| 1800 | 18.93 | 0.58 | 2580 | 0.53 |
| 1900 | 12.83 | 0.95 | 2600 | 0.52 |
| 2000 | 8.04 | 1.87 | 2620 | 0.51 |
| 2140 | 3.21 | 5.90 | 2640 | 0.51 |
| 2220 | 1.83 | 11.50 | 2660 | 0.51 |
| 2450 | 1.38 | 12.06 | 2680 | 0.50 |
| 2895 | 1.38 | 12.44 | 2700 | 0.50 |
| 3570 | 1.72 | 10.77 | 2720 | 0.50 |
| 3800 | 3.08 | 7.52 | 2740 | 0.50 |
| 4000 | 9.16 | 1.92 | 2760 | 0.50 |
| 4270 | 20.26 | 0.69 | 2780 | 0.50 |
| 4350 | 24.31 | 0.62 | 2800 | 0.50 |
| 4440 | 29.62 | 0.51 | 2820 | 0.50 |
| 4480 | 32.54 | 0.52 | 2840 | 0.50 |
| 5000 | 29.26 | 0.33 | 2860 | 0.50 |
| 5200 | 27.80 | 0.33 | 2895 | 0.50 |
| 5400 | 27.55 | 0.23 | 2900 | 0.50 |
| 5600 | 27.20 | 0.24 | 2920 | 0.50 |
| 5800 | 27.69 | 0.21 | 2940 | 0.50 |
| 6000 | 27.59 | 0.16 | 2980 | 0.50 |
| 6040 | 28.54 | 0.17 | 3000 | 0.50 |
| 6080 | 28.65 | 0.17 | 3060 | 0.49 |
| 6120 | 28.01 | 0.19 | 3100 | 0.49 |
| 6160 | 28.40 | 0.16 | 3140 | 0.48 |
| 6200 | 27.99 | 0.16 | 3180 | 0.48 |
| 6240 | 28.07 | 0.16 | 3200 | 0.48 |
| 6280 | 27.39 | 0.18 | 3240 | 0.48 |
| 6320 | 28.34 | 0.19 | 3260 | 0.48 |
| 6360 | 28.59 | 0.17 | 3280 | 0.48 |
| 6400 | 28.01 | 0.19 | 3300 | 0.48 |
| 6440 | 29.42 | 0.21 | 3320 | 0.48 |
| 6480 | 28.94 | 0.21 | 3340 | 0.48 |
| 6520 | 28.92 | 0.22 | 3380 | 0.49 |
| 6560 | 29.37 | 0.25 | 3400 | 0.49 |
| 6600 | 29.56 | 0.23 | 3420 | 0.50 |
| 6640 | 28.97 | 0.27 | 3450 | 0.51 |
| 6680 | 29.39 | 0.28 | 3480 | 0.53 |
| 6720 | 29.42 | 0.29 | 3500 | 0.54 |
| 6760 | 28.42 | 0.32 | 3520 | 0.56 |
| 6800 | 29.28 | 0.35 | 3540 | 0.57 |
| 6840 | 29.52 | 0.40 | 3550 | 0.58 |
| 7000 | 29.35 | 0.62 | 3570 | 0.60 |



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